

## EQUIVDOC INC 'J58145614'

\*\*\*\*\* Item Number 1 of 1 \*\*\*\*\*

DESCRIP :: PATENT  
TITLE :: Silica powder suitable for suspension in organic solvent having  
specified density of silyl gps. bonded to its surface  
ASSIGNEE :: SHOKUBAI KASEI KOGYO  
PACODE :: NISH  
ACCNNO :: 236003  
DATE :: Aug 30, 1983  
ABSTRACT :: < BASIC> Silica powder consists of colloidal type silica particles  
covred with 1-36C silyl gp. wherein 1-100 of the silyl gps. are  
chemically bonded to 10 square mm of the surface area of the  
silica particle. Powder is obtd. by treating silica hydrosol of  
below 100 cP with an organic solvent to obtain organo-silica  
hydrosol contg. below 10 wt.% water, reacting the organo-silica  
sol with an organic silylating cpd. contg. 1-36C to obtain silica  
silylated in its surface, and sepg. prod.. The organic solvent is  
n-butyl alcohol, n-octyl alcohol, methyl ethyl ketone, or isobutyl  
acetate. The organic silylating compound is methyl  
trichlorosilane, dimethyl dichlorosilane, diethyl dichlorosilane,  
or dihexyl dichlorosilane. As the silica powder thus obtd. is  
silylated and becomes colloidal in its surface, it is easily  
suspended in an organic solvent. (6pp Dwg.No.0/0)  
COPYRIGHT :: FOR INTERNAL USE ONLY - PORTIONS COPYRIGHT BY DERWENT  
INFORMATION LIMITED - 1983  
PNBASIC :: J58145614  
PRIORNO :: J08227746  
DATEPR :: Feb 23, 1982  
EQUIVDOC :: J90001090 J58145614 J08227746 JPAT  
SUBJECTP :: Silica Reinforcement; SiHCl3; SiH2Cl2; Si-Resin; Si-Resin  
LANG :: JAPANESE  
TYPE :: PTNT  
IPCODE :: C01B-033/18; C08L-101/00; C09C-001/30  
DPCODE :: E11; G01; L02; E36  
MANUAL :: E31-P01; G01-A06; L02-G12  
YEAR :: 1983  
YEARPR :: 1982  
COMMENT :: 83-780575/40 < XRAM> C83-09616  
RDATEMD :: Nov 13, 2001  
RDATENT :: Apr 25, 1990  
SECCODE :: 0  
UPDATER :: TDD